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**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (canceled).

Claim 2 (canceled).

Claim 3 (currently amended): The isolated polypeptide of claim 8, claim 1, wherein the truncated tryptophanyl-tRNA synthetase polypeptide has amino-terminal truncation.

Claim 4 (canceled).

Claim 5 (currently amended): The isolated polypeptide of claim 8, claim 1, wherein the polypeptide is angiostatic.

Claim 6 (canceled).

Claim 7 (currently amended): The isolated polypeptide of claim 8, claim 1, wherein the polypeptide is mammalian.

Claim 8 (currently amended): An isolated truncated tryptophanyl-tRNA synthetase polypeptide comprising a Rossmann fold nucleotide binding domain, wherein the isolated polypeptide is capable of regulating vascular endothelial cell function and has a size of at least about 46 kilodaltons and less than full length tryptophanyl-tRNA synthetase having a size of about 54 kilodaltons. The isolated polypeptide of claim 1, wherein the polypeptide is human.

Claims 9-35 (canceled).

Claim 36 (currently amended): A composition comprising the isolated polypeptide of claim 8 claim 1 and a pharmaceutically suitable excipient.

Claim 37 (canceled).

Claims 38-48 (canceled).

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Claim 49 (currently amended): The isolated polypeptide of claim 8, ~~claim 1~~, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide consisting essentially of amino acid residues 48-471 of SEQ ID NO:10.

Claim 50 (currently amended): The isolated polypeptide of claim 8, ~~claim 1~~, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide consisting essentially of amino acid residues 71-471 of SEQ ID NO:10.

Claim 51 (currently amended): The isolated polypeptide of claim 8, ~~claim 1~~, wherein the truncated tryptophanyl-tRNA synthetase polypeptide is a polypeptide of approximately 47 kD molecular weight produced by cleavage of the polypeptide of SEQ ID NO:10 with polymorphonuclear leucocyte elastase.